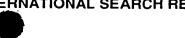
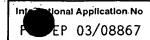
(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference Case 21364	FOR FURTHER see Notification (Form PCT/ISA	n of Transmittal of International Search Report V220) as well as, where applicable, Item 5 below.
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)
PCT/EP 03/08867	09/08/2003	16/08/2002
Applicant	<u> </u>	
ROCHE VITAMINS AG		
This International Search Report has bee according to Article 18. A copy is being tra	en prepared by this International Searching Auransmitted to the International Bureau.	uthority and is transmitted to the applicant
This International Search Report consists X It is also accompanied by	s of a total of sheets. y a copy of each prior art document cited in thi	ils report.
1. Basis of the report		
 a. With regard to the language, the language in which it was filed, un 	international search was carried out on the balless otherwise indicated under this item.	asis of the international application in the
the international search w Authority (Rule 23.1(b)).	was carried out on the basis of a translation of	I the international application furnished to this
	id/or amino acid sequence disclosed in the e sequence listing:	international application, the international search
contained in the internation	onal application in written form.	
	ernational application in computer readable fo	rm.
	this Authority in written form.	
	this Authority in computer readble form.	
the statement that the sub- international application a	bsequently furnished written sequence listing as filed has been furnished.	does not go beyond the disclosure in the
the statement that the info furnished	ormation recorded in computer readable form	n is identical to the written sequence listing has been
	and unsearchable (See Box I).	
3. Unity of invention is lack	king (see Box II).	
4. With regard to the title,	•	
X the text is approved as su	ibmitted by the applicant.	
the text has been establis	shed by this Authority to read as follows:	
5. With regard to the abstract,		
X the text is approved as su	ubmitted by the applicant.	
the text has been establish		ority as it appears in Box III. The applicant may, eport, submit comments to this Authority.
6. The figure of the drawings to be publi		
as suggested by the applic	cant.	X None of the figures.
because the applicant faile	ed to suggest a figure.	
because this figure better	characterizes the invention.	





A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07C29/42 C07C33/042

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 $\begin{array}{ccc} \text{Minimum documentation searched (classification system followed by classification symbols)} \\ IPC & 7 & C07C \end{array}$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BEILSTEIN Data

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A ·	R.J. TEDESCHI: "Base-Catalyzed reaction of Acetylene and Vinylacetylenes with Carbonyl Compounds in Liquid Ammonia under Pressure" J. ORG. CHEM., vol. 28, 1963, pages 1740-1743, XP002264209 page 1741 -page 1742; tables I,III	1-9
A,P .	EP 1 256 560 A (BASF AG) 13 November 2002 (2002-11-13) page 8, line 20 - line 43; claim 1	1–9
X	US 3 709 946 A (MOORE G ET AL) 9 January 1973 (1973-01-09) claim 1; examples/	1-9

X Further documents are listed in the continuation of box C.	χ Patent family members are listed in annex.
Special categories of cited documents: 'A' document defining the general state of the art which is not considered to be of particular relevance 'E' earlier document but published on or after the international filing date 'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) 'O' document referring to an oral disclosure, use, exhibition or other means 'P' document published prior to the international filing date but later than the priority date claimed	 'T' later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention 'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone 'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. '&' document member of the same patent family
Date of the actual completion of the international search 8 December 2003	Date of mailing of the international search report $19/12/2003$
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Bedel, C



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	ION) DOCUMENTS CONSIDERED TO BE DELEVANT		
	ion) DOCUMENTS CONSIDERED TO BE RELEVANT	·	·
ategory °	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.
1	FR 2 236 822 A (INST ORCH KHIM) 7 February 1975 (1975-02-07) page 4 -page 6; examples 1-9		1-9
			·
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nation on patent family members

Interional	Application No
PEP	03/08867

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
EP 1256560	Α	13-11-2002	DE	10123066	A1	14-11-2002
			CN	1385408	Α	18-12-2002
		•	EΡ	1256560	A2	13-11-2002
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•			US	2002183565	A1.	05-12-2002
US 3709946	Α	09-01-1973	NONE			
FR 2236822	А	07-02-1975	FR	2236822	A1	07-02-1975